CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory
An ISO 9001:2015 Certified Company
NABL - Accredited Laboratory as per ISO / IEC-17025 : 2017

JAS-ANZ
BSCIC
ISO 9001 REGISTERED

No. : CTCE/BBMP/PMC/DD/2020/32

CIVIL ENGINEERING TESTING LABORATORY www.civiltechconsultants.com

Date: 30.05.2020

To,
Executive Engineer,
Dasarahalli Division, Dasarahalli Zone,
Bruhat Bangalore MahanagaraPalike
Bangalore.

CERTIFICATE

Reference : BBMP/EE/DD/WO/592/2019-20 Date: 18.03.2020

Name of work: Construction of CC roads at Medarahalli colony in Ward No.12, Shettyhalli Sub Division, BBMP, Bangalore.

This is to certified that the 1st and Part bill of the above said work has been executed satisfactorily and the quantities of work done has also been certified.

Thanking you,

Civil-Tech Consultants & Engineers Bangalore

With Regards,

For Civil-Tech Consultants and Engineers

30/5/2020

Authorized Signature

AE/W-12

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶಿವಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

#23/14, 7th Cross, 3rd Stage, 4th Block, Shakthi Ganapathi Nagara, Basaveshwaranagara, Bangalore-79.
Tele fax : 23223227, Cell : 93428 39390, Website : www.civiltechconsultants.com
e-mail : vishwanath.ia@civiltechconsultants.com / info@civiltechconsultants.com

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Date:30.05.2020

To,

Executive Engineer

Dasarahalli Division, Dasarahalli Zone

Bruhat Bangalore Mahanagara Palike

Bangalore.

COMPLIANCE REPORT

Dear Sir,

Reference : BBMP/EE/DD/WO/592/2019-20 Date: 18.03.2020

Name of work: Construction of CC roads at Medarahalli colony in Ward No.12, Shettyhalli Sub Division, BBMP, Bangalore.

With respect to the above subject & name of the work, we have supervised the work and the quantity and quality of below mentioned items of the work was found to be completed satisfactorily for the **1st and Part bill.**

Sl. No	Description of Work	Unit	Qty
1	Removing and stocking of BS slab, All lead and lift complete as per specification and as per the direction of the engineer in charge of the site.	Sqm	479.93
3	KSRRB M300-14:Earthwork Excavation by manual means for roads, drains & similar works in ordinary soil excavatedsurface levelled and sides neatly dressed the disposedearth to be levelled neatly after breaking of clods complete as per	Cum	1053.74
4	KSRB 4-1.7:Providing and laying in Position plain cement Concrete mix 1:3:6 with OPC cement @ 220kgs, with 20mm and downsize graded granite metal corse aggregates @ 0.69 cum and fine aggragates @ 0.56 cum machine mixed, concrete laid in layers noy exceeding 15cms, thick well compacted, in and foundation and plinth and sills including cost of materials labours HOM Curing complete as per specification No.KBS 4.1, 4.2 all lead and lift complete as per specification and as per the direction of the engineer in charge of the site.	Cum	157.97
5	Providing and laying design mix M25 with OPC cement @ 340 kgs, with 20mm and downsize graded granite metal corse aggregates @ 0.70 cum and fine aggragates @ 0.47,with Super plastisiser @ 3 its Conforming to ISI (9103-1999 Reaffirmed-2008) upto 5 M height.all lead and lift complete as per specification and as per the direction of the engineer in charge of the site.	Cum	255.48
6	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting bending, hooking, placing in position, lapping and welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps,hooks and wastage shall not be measured and paid) cost of materials, labour, HOM completete as per specification,. MORTH specification No.1600 & 2200 - do-TMT bars Fe500 All lead and lift complete as per specification and as per the direction of the engineer in charge of the site.	Tonnes	15.33

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ದಾಸರಹಳ್ಳಿ ವಲಯ

ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

#23/14, 7th Cross, 3rd Stage, 4th Block, Shakthi Ganapathi Nagara, Basaveshwaranagara, Bangalore-79.

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e-mail : vishwanath.ia@civiltechconsultants.com / info@civiltechconsultants.com

Sl. No	Description of Work	Unit	Qty
7	Dismantling of existing structures like culverts, bridges, retaining alls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. II. By Mechanical Means. A. Cement Concrete Grade M-15 &M-20. etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Cum	15.34
8	Removing and resetting of footpath slab etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Sqm	684.41
9	Providing ruled pointing 20 mm deep to stone slab pavements with cement mortar 1:3, 20mm deep, after raking joints nicely lining, including cost of materials, labour, curing etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Sqm	684.41
10	Providing and fixing Precast RCC cover slabs of 100 mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement and pointing for joints 1:3 cement mortor including form work, lift charges , curing and concrtee finished surface on both sides etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Sqm	796.19
11	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by mechanical means attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Sqm	2650.64
14	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Sqm	5139.44
15	CONCRETE PAVEMENT KSRRB M600- Cement Concrete Pavements Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates 0.58cum over a prepared sub- base, coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15:1, Aggregate gradation after blending to be as per Table 600-1 ,optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a hatching plant, transported to site,laid with a paver, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. Clause 601of MORTH V Revision and IS 456 Table-5 -do- with OPC at 150 kg/cum and coarse aggregate 0.86cum, fine aggregate 0.58cum using Concrete Batch mix Plant at 75 cum/hr capacity with fixed form paver. etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Cum	95.16

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Sl. No	Description of Work	Unit	Qty
16	Providing, laying, spreading and compacting Crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Cum	598.63
23	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.	Nos	1083.1

For Civil-Tech Consultants and Engineers

30/5/2020

Authorized Signature

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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.